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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/660,253
		Filing Date	September 11, 2003
		First Named Inventor	Mark A. Behlke
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	5	Attorney Docket Number	03988/100K297-US1

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DARBY & DARBY P.C. Heather Morehouse Ettinger, Ph.D. - 51,658
Signature	
Date	February 17, 2004

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Docket No.: 03988/100K297-US1  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Mark A. Behlke et al.

Application No.: 10/660,253

Confirmation No.: 5351

Filed: September 11, 2003

Art Unit: N/A

For: METHODS FOR MORE ACCURATELY  
ESTIMATING A MELTING TEMPERATURE(TM)  
FOR POLYNUCLEOTIDE MOLECULES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
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Pursuant to 37 CFR 1.56, 1.97 and 1.98, attached hereto is a copy of Form PTO/SB/08 and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO/SB/08) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form Form PTO/SB/08 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as





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**INFORMATION DISCLOSURE  
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(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	03988/100K297-US1
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**Complete if Known**

Application Number	10/660,253
Filing Date	September 11, 2003
First Named Inventor	Mark A. Behlke
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	03988/100K297-US1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	US-5,491,133		Walder et al.	
	2.	US-5,510,270		Fodor et al.	
	3.	US-5,962,425		Walder et al.	
	4.	US-6,197,944		Walder et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5.	Ahsen et al., Clinical Chemistry 2001, 47:1956-1961 AND Ahsen Supplement	
	6.	Blake & Delcourt (Nucl. Acids Res. 1998), 26:3323-3332	
	7.	Bloomfield et al., Nucleic Acids: Structure, Properties, and Functions (University Science Books, Sausalito California 2000): pages 307-308	
	8.	Bond et al., Biophysical Journal 1994, 67:825-836	
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	13.	Denhardt, Biochem. Biophys. Res. Commun. 1966, 23:641-646	
	14.	DeRisi et al., Science 1997, 278:680-686	
	15.	Doktycz et al., Biopolymers 1992, 278:680-686	
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	17.	Henegarin et al., Biotechniques 1997, 23(3):504-11	
	18.	<a href="http://www.idtdna.com/program/techbulletins/calculating%20Molar%20Extinction%20Coefficient.asp">http://www.idtdna.com/program/techbulletins/calculating Molar Extinction Coefficient.asp</a>	
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	25.	Owen et al., Biopolymers 1969, 7:503-516	
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Attorney Docket No.: 03988/100K297-US1

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IDS by Applicant (2 pages)  
IDS by Applicant – PTO Form SB/08 (2 pgs.)  
Transmittal (1 page)  
36 References (Tabs 1-36)